

**M.D. (Radiodiagnosis) : WINTER - 2018**  
**SUBJECT: PAPER - II: CARDIOVASCULAR, RESPIRATORY, GASTROIN-**  
**TESTINAL, ENDOCRINE & HAEMOPOIETIC SYSTEMS**

Day: Monday  
Date: 03/12/2018

**W-2018-3544**

Time: 2.00 P.M. TO 5.00 P.M  
Max Marks. 100

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**N.B.**

- 1) Q. No. 1 and Q. no. 2 are **COMPULSORY**.
  - 2) Attempt any **SEVEN** questions from Q. no. 3 to Q. No. 10.
  - 3) Figures to the right indicate **FULL** marks
  - 4) Draw neat and labelled diagrams **WHEREVER** necessary.
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- Q.1** What are the bronchopulmonary segments? Describe imaging findings in ARDS. **(15)**
- Q.2** Discuss the developmental anomalies of the IVC and role of MR in diagnosis. **(15)**
- Q.3** Enumerate the causes of mechanical small bowel obstruction in an adult. Describe the differentiating features of small and large bowel obstruction on plain radiographs. Briefly discuss the role of CT in mechanical small bowel obstruction. **(10)**
- Q.4** Types of tracheo – oesophageal fistula and imaging findings. **(10)**
- Q.5** Radiological evaluation of GIST. **(10)**
- Q.6** Classify adrenal tumors and describe the role of CT and MRI in evaluating them. **(10)**
- Q.7** Assessment of correctness of positioning of various catheters and tubes as seen on chest radiographs. **(10)**
- Q.8** Imaging findings in hemolytic anemias. **(10)**
- Q.9** Discuss the role of CT and MRI in the staging of lung cancer. **(10)**
- Q.10** Superior mesenteric artery syndrome. **(10)**

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